

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: OCONEE NATIONAL FOREST, PIEDMONT
NATIONAL WILDLIFE REFUGE, AND HITCHITI
EXPERIMENTAL FOREST

STATE: ~~GEORGIA~~

AREA WITHIN SURVEY BOUNDARY: 299,236

DATE: OCTOBER 31, 1978 AND NOVEMBER 3, 1978

PERCENT COVERAGE: 100%

AIRCRAFT: CESSNA 182 AND 172

CREW: W.A. CAROTHERS, R.F. BASSETT, B.I. HAMMOND

REPORT PREPARED BY: W.A. CAROTHERS

SURVEY OBJECTIVE: TO PROVIDE AN INTENSIVE FOLLOW-UP SURVEY
TO THE INITIAL SURVEY CONDUCTED ON 10/3/78. THE RESULTS OF THE
SURVEY OF 10/3/78 INDICATED THAT SOUTHERN PINE BEETLE POPULATIONS
HAVE INCREASED WITHIN THE SURVEY AREAS. THUS, THE FOLLOW-UP
SURVEY WAS DESIGNED TO LOCATE SPOTS OF RED AND DYING PINES WHICH
WERE NOT OBSERVED ON THE INITIAL SURVEY.

SURVEY RESULTS

THIRTY SPOTS OF RED AND DYING PINES WERE OBSERVED. THEY
RANGED IN SIZE FROM A SINGLE TREE TO FIFTY TREES PER SPOT (REFER TO
MAPS).

CONCLUSION

SOUTHERN PINE BEETLE ACTIVITY IS INCREASING WITHIN THE
AREAS COVERED BY THE SURVEYS. GROUND CHECKS OF SPOTS OBSERVED
DURING THE SURVEY OF 10/3/78 HAVE CONFIRMED THE PRESENCE OF ACTIVE
SOUTHERN PINE BEETLE POPULATIONS.

RECOMMENDATIONS

1. ANOTHER 100% AERIAL DETECTION SURVEY WILL BE CONDUCTED AS
SOON AS LEAF FALL HAS OCCURRED.*
2. GROUND CHECKS OF OBSERVED SPOTS WILL BE MADE BY FIDM
PERSONNEL TO ESTABLISH THE CAUSAL AGENT(S).
3. AN EVALUATION OF THE SOUTHERN PINE BEETLE PROBLEM ON
THE OCONEE NATIONAL FOREST, PIEDMONT NATIONAL WILDLIFE REFUGE, AND
THE HITCHITI EXPERIMENTAL FOREST WILL BE CONDUCTED BY FIDM PERSONNEL
IN 1979.

4. FIELD SURVEILLANCE BY NATIONAL FOREST PERSONNEL
SHOULD CONTINUE.

FOR ANY ADDITIONAL INFORMATION, CONTACT:

FOREST INSECT AND DISEASE MANAGEMENT UNIT
USFS-SOUTHEASTERN AREA

NORTHGATE OFFICE PARK, ROOM 2103
3620 INTERSTATE 85, N.E.
DORAVILLE, GA 30340
TELEPHONE: 404-221-4796

OR

P.O. BOX 5895
ASHEVILLE, NC 28802
TELEPHONE: 704-258-2850
EXT. 625

*THE SURVEYS OF 10/3/78, 10/31/78 AND 11/3/78 WERE HAMPERED
BY EXTENSIVE FALL COLOR.

OCONEE NATIONAL FOREST

UNCLE REMUS DISTRICT



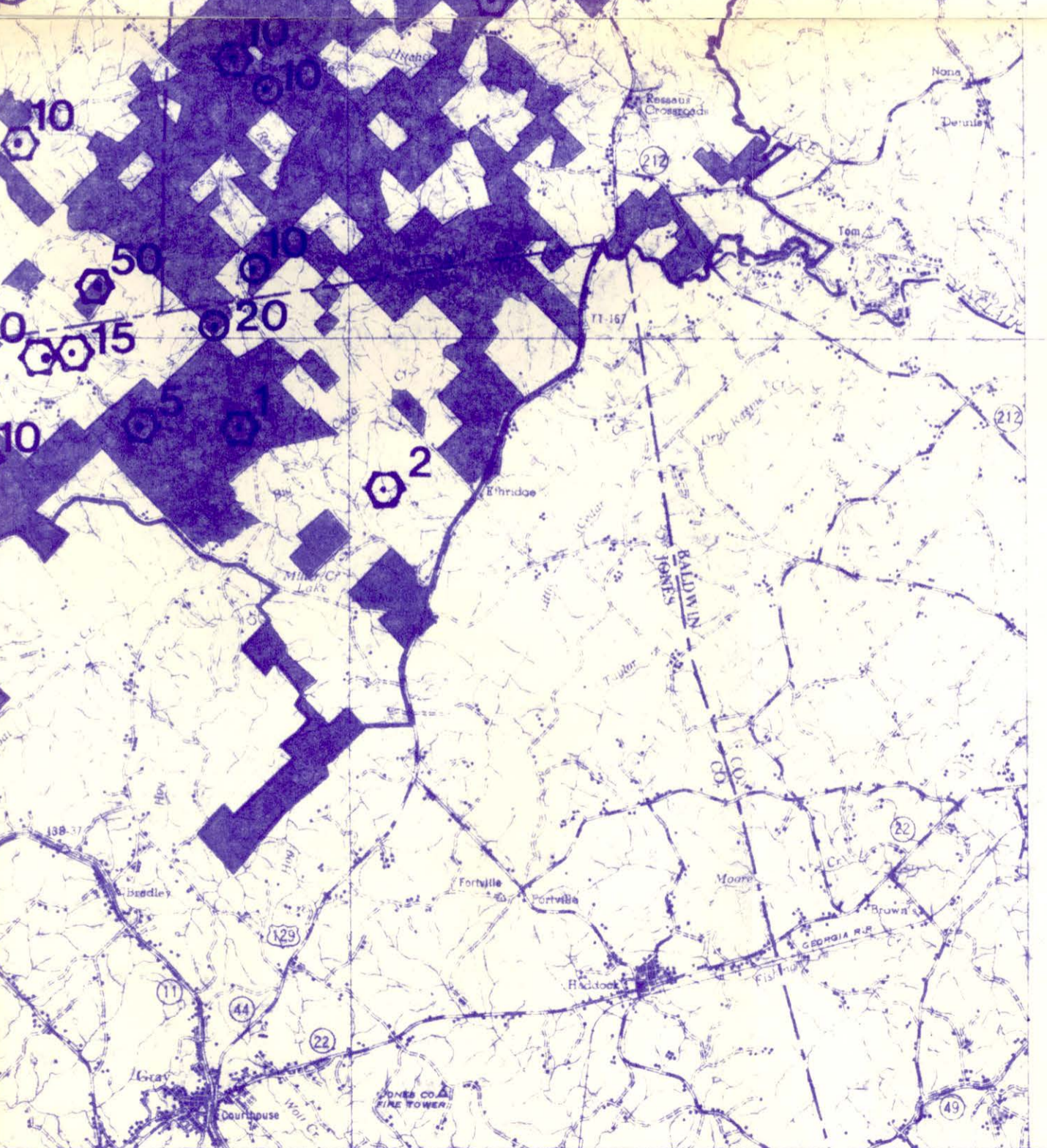
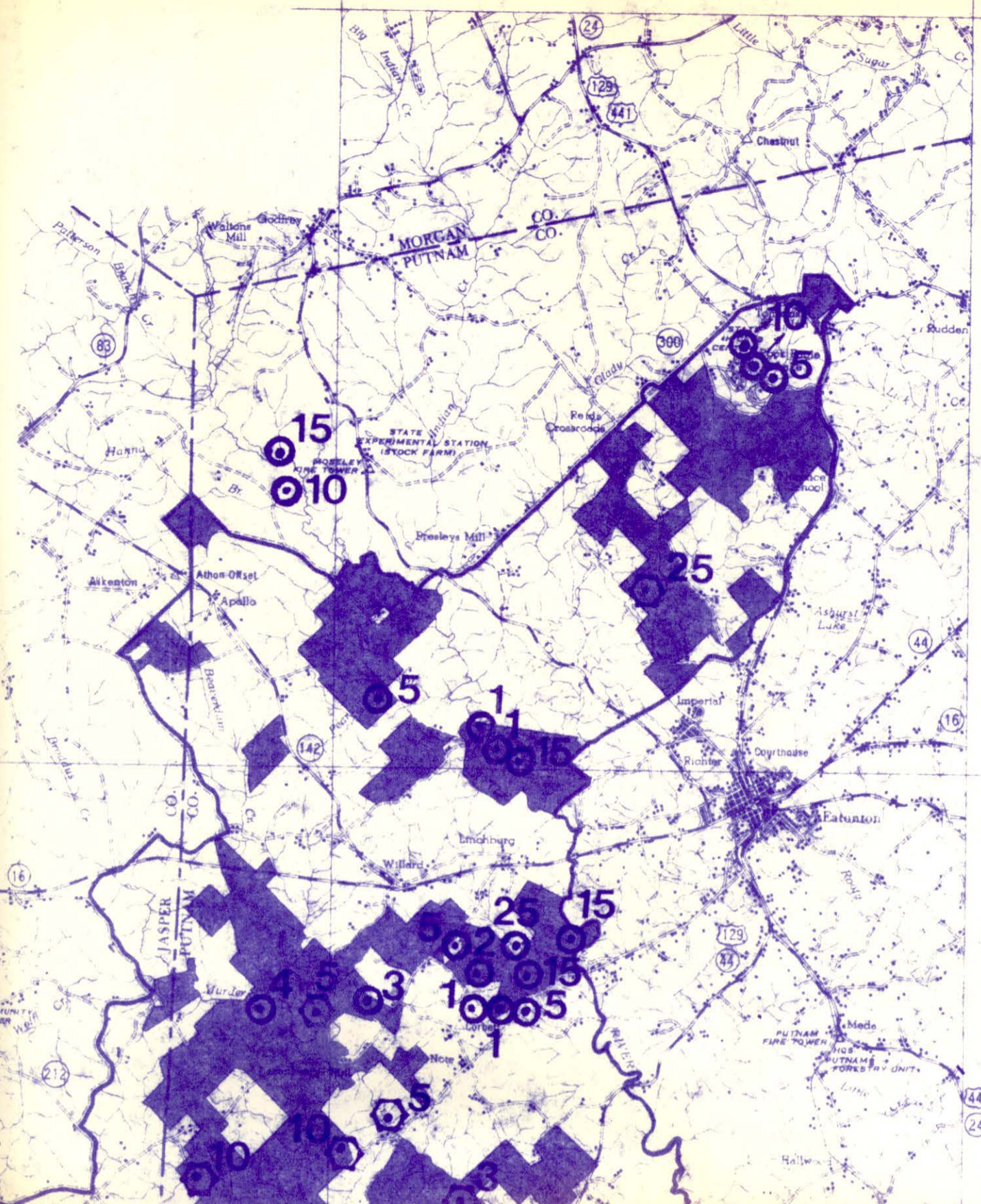
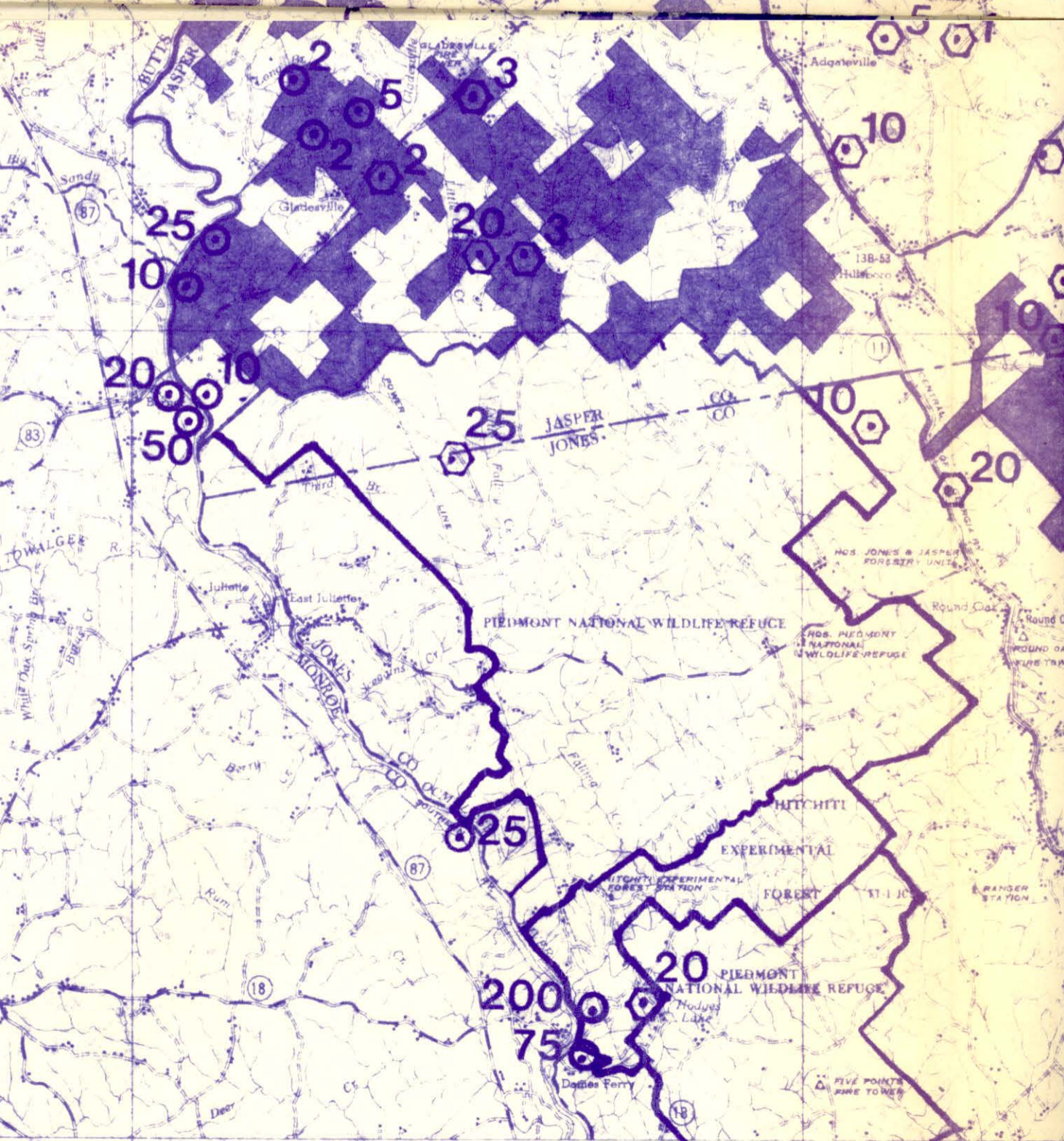
LEGEND

- | | |
|---|---|
| — District Boundary | — Railroad |
| — County Line | † District Ranger Station |
| — Hard Surface, Heavy Traffic Road with more than Two Lanes | △ Triangulation Station |
| — Hard Surface, Heavy Traffic Road with Two Lanes | △ Permanent Lookout Station |
| — Improved Light Duty Road | — House, Cabin or other Building |
| — Unimproved Dirt Road, graded only | ■ Government Owned Property |
| — Trail | ○ Spots of Red or Dying Pines (10-3-78) |

○ Spots of Red or Dying Pines (10-31 & 11-3-78)

STATUS REVISED TO 1968

DISTRICT RANGER'S OFFICE AT MONTICELLO, GEORGIA
CLASS "C" MAP



OCONEE NATIONAL FOREST

REDLANDS DISTRICT

1960
SCALE



LEGEND

- | | |
|---|----------------------------------|
| — District Boundary | — Railroad |
| — County Line | • District Ranger Station |
| — Hard Surface, Heavy Traffic Road with more than Two Lanes | △ Triangulation Station |
| — Hard Surface, Heavy Traffic Road with Two Lanes | △ Permanent Lookout Station |
| — Improved Light Duty Road | — House, Cabin or other Building |
| — Unimproved Dirt Road, graded only | ■ Government Owned Property |
| — Trail | |

⊙ Spots of Red or Dying Pines (10-3-78)

⊙ Spots of Red or Dying Pines (10-31 & 11-3-78)

DISTRICT RANGER'S OFFICE AT GREENSBORO, GEORGIA

CLASS "C" MAP

